

Assignment 1 PLC circuit design

Assignment content

(1) Design the ladder circuit reference to the time chart.

(2) Follow the specifications and instructions (timer settings, count timing, etc.).

(3) Operate repeatedly (twice or more) according to the time chart.

Design ladder circuit after the final circuit, and Do not modify the existing circuit such as the lamp check circuit.

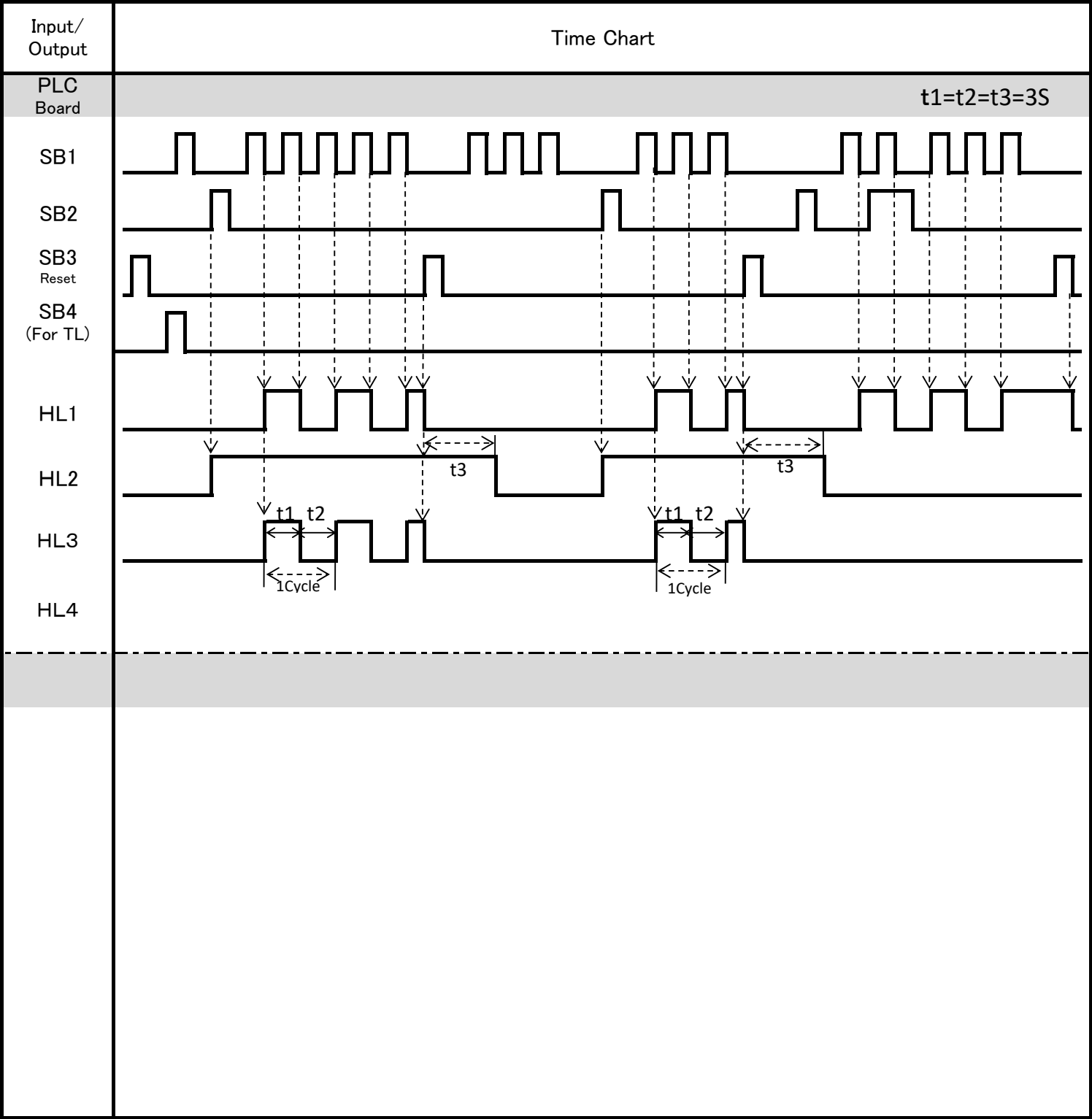
※ Buttons are SB1 (X000), SB2 (X001), SB3 (X002), SB4 (X003); Lamps are HL1 (Y010), HL2 (Y011), HL3 (Y012), HL4 (Y013)

[TM] use only basic commands (application commands cannot be used), but edge detection (P) can be used.

[TL] Basic and application commands can be used (no restrictions)

Complete data reading and writing with FL-NET communication destinations.

For communication settings, refer to the FL-NET communication area diagram



Specification instructions (Being able to operate repeatedly. No need to consider HL other than instructions)	
【HL1】Specification check cycle chart	
Operation switching	
SB1	
SB2	
SB3 Reset	
HL1	
【HL2】Specification check cycle chart	
Operation switching	t3=3S
SB1	
SB2	
SB3 Reset	
HL2	
【HL3】Specification check cycle chart	
Operation switching	t1=t2=3S
SB1	
SB2	
SB3 Reset	
HL3	
Applied problem [Multi-sequence] Specification check	
peration switching	There is no relation to actions ① and ②.